

Chemical Engineers (17-2041)

Occupation description: Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, by applying principles and technology of chemistry, physics, and engineering.

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	41	43	4.9	0	1	1
United States	30,200	32,000	6.0	170	970	1,140

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	50.16	n/a	28.52	46.02	76.43
Alaska	53.26	60.09	66.92	28.49	57.21	87.34
Anchorage/Mat-Su Area (MSA)	48.81	55.32	61.83	27.62	54.58	80.65

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
56	18	32.1	53.7	48.8

2012 Potential Supply

Qualified but working in another occupation	2
Currently employed in a lower paid occupation	1
UI claimants previously working in occupation	2

2012 ALEXsys Employment Data

Number of registrants	31
Number of job position postings	32
Ratio of registrants to job position postings	1.0

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

	Degree
Nu-Solutions Consulting	
Administration of Oracle Primavera P6, Course 106-A	Certificate
Advanced Project Management in Oracle Primavera P6, Course 106-P	Certificate
Advanced Project Modeling and Estimating, Class E201	Certificate
Essentials of Project Modeling and Estimating, Class E101	Certificate
Oracle Primavera Contract Management, Course 201	Certificate
Project Management in Oracle Primavera P6, Course 102	Certificate
Project Management in Oracle Primavera Web Access, Course 101	Certificate
Resource Management in Oracle Primavera P6, Course 106-R	Certificate
Resource Management in Oracle Primavera Web Access, Course 107	Certificate

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